

3/7/2018

Print



Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200

Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Tot:
PO039034	ACI001-VC	8	1	Net 30	M4140H-R0.500	4140 Round Bar 0.500" : Material: AISI 4140H ROUND BAR AS PER AISI 4140 OR ASTM A304-02/A-434-BC/A193-03 GRADE-B7/A29-03/A322-91 OR UNS # G41400 MIN: ULTIMATE TENSILE STRENGTH = 100 KSI MIN: YIELD TENSILE STRENGTH = 66 KSI				100	3/7/2018	48		S048620	Stock	3/7/2018	\$ 2.85 / ft	0		\$136
Total:										100		48								\$105

Plex 3/7/2018 7:29 AM Dart.Dubois.Pascal

**ACIER OUELLETTE INC.**

935, Boul. du Hâvre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

DELIVERY - CLIENT**Copy** CO00076431

Customer N°

CL10001056

Date

2018/03/01

Delivery date

2018/03/06

Your order N°

03934

Processed by

Josianne Bourdon

Salesman

Carrier

Credit Terme

OUELLETTE VALLEYFIELD
Net 30 Days**Shipped to**

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.

HAWKESBURY, Ontario, K6A 1K7

Instruction F-M

Delivery Route 5

Page 1

Instruction	F-M	Delivery Route	5	Weight	Qty	U/M	PCS NB			Internal Use Only				
							CMD	EXP	B/O	IN	I	S	C	OUT
Product Description				32.06	48.00	PL_\$CLB		4x		48				
1 ROUND 4140 HEAT TREAT 1/2 (R) * R4140-12H 4907								12'4"						
4 X 12' R/L HEAT: 190696														
TRANSIT ST-JEROME LE 05/03														

Total Weight (lbs) : 32.06

NIR : R-109516-6

Conditions :
All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Total (\$CAD)

Prepared By :

Verified By :

Delivered By :

Time

Customer's Signature

Y

M

D

Date



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO039034**

Supplier: ACI001-VC Acier Ouellette Inc. 935 Boul. Du Havre Valleyfield QC J6S 5L1 Canada Phone: 800 667 4248 Fax: 450 377 5696		PO No: PO039034 PO Date: 2/13/18 Due Date: 2/16/18 Purchase Order Revision: Revision Date: Ship-To Contact: Lavoie, Chantal Phone: clavoie@dartaero.com	
Ship To: 1270 Aberdeen Street Hawkesbury ON K6A 1K7 Canada Phone: 613-632-5200		Via: Ground Pymt Terms: Net 30 Freight Terms: Special Comments: QUOTE NO. SOU0085290, SOU0085420	

FEB 27 2018

REUSED

Items										
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
8	M4140H-R0.500		4140 Round Bar 0.500" : Material: AISI 4140H ROUND BAR AS PER AISI 4140 OR ASTM A304-02/A-434-BC/A193-03 GRADE-B7/A29-03/A322-91 OR UNS # G41400 MIN: ULTIMATE TENSILE STRENGTH = 100 KSI MIN: YIELD TENSILE STRENGTH = 66 KSI	Partial	2/16/18	100 ft	60 ft	40 ft	\$2.85/ft	\$114.00
10	MT-4140-S-1.250X11.000		AISI 4140 Steel Sheet/Plate	Firmed	2/27/18	6 ft	6 ft	6 ft	\$120.00/ft	\$720.00
									Grand Total:	\$834.00

48'

MAR 07 2018

DAS 11 9-89

FEB 27 2018

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

CL

Plex 2/27/18 2:46 PM dart.lavoie.chantal

CERTIFICATE OF TEST CERTIFICAT D'ESSAIS

Page 01 of 02

Certification Date
25-SEP-2017

CUSTOMER ORDER NUMBER
NUMÉRO DE COMMANDE DU CLIENT

Invoice Number
S697927

AC00009558
PART NUMBER/NUMÉRO DE PIÈCE
506031

SOLD TO: ACIER OUELLETTE INC
VENDU À:

SHIP TO:
EXPÉDIÉ À:

ACIER OUELLETTE INC.

22 BOULEVARD J-F KENNEDY
ST JEROME QC J7Y 4B6

22 BOULEVARD J F KENNEDY
SAINT JEROME QC J7Y 4

Description: 4142 CF HEAT TREATED S/R OR STRESS FREE BAR
1/2 RD X 12' R/L Line Total: 160 LB
HEAT: 190696 ITEM: 506031

Specifications:

ASTM A434 CL BC 12
ASTM A193 M15
ASTM A322 13
EN 10204 04

ASTM A193 GR B7 M
ASTM A29-A29M 15
ASTM A331 95

ASTM A108 13
ASTM A304 11
ASTM A962/A962 14

CHEMICAL ANALYSIS

C	MN	SI	P	S	CR	NI	MO
0.42	0.97	0.26	0.011	0.022	1.04	0.20	0.23
CU	AL	CA					
0.17	0.026	0.0008					

RCPT: R294209

COUNTRY OF ORIGIN : SPAIN

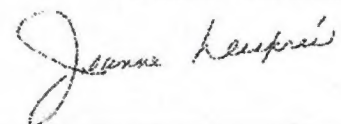
MECHANICAL PROPERTIES

DESCRIPTION	YLD STR	ULT TEN	%ELONG	%RED	HARDNESS
	KSI	KSI	IN 02 IN	IN AREA	BHN
	110.0	145.0	17.6	58.8	269

The above data were transcribed from the manufacturer's Certificate of Test after verification for completeness and specification requirements of the information on the certificate. All test results remain on file subject to examination. /Les informations ci-haut-mentionnées sont transcrites du certificat d'essais du manufacturier après vérification de l'état complet des spécifications inscrites sur le certificat. We hereby certify that the material covered by this report will meet the applicable requirements described herein, including any specification forming a part of the description. /Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut. The willful recording of false, fictitious, or fraudulent statements in connection with test results may be punishable as a felony under federal statutes. /Les informations fausses, fictives ou frauduleuses en rapport avec le résultat des essais sont punissables en vertu des lois fédérales.

Material did not come in contact with mercury while in our possession. /Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut.

JOANNE DESPRES



MANAGER QUALITY ASSURANCE
GÉRANT DE L'ASSURANCE QUALITÉ

CERTIFICATE OF TEST CERTIFICAT D'ESSAIS

Page 02 of 02

Certification Date
25-SEP-2017

CUSTOMER ORDER NUMBER
NUMÉRO DE COMMANDE DU CLIENT

Invoice Number
S697927

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PART NUMBER/NUMÉRO DE PIÈCE
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SOLD TO: ACIER OUELLETTE INC
VENDU À:

SHIP TO:
EXPÉDIÉ À:

ACIER OUELLETTE INC.

22 BOULEVARD J-F KENNEDY
ST JEROME QC J7Y 4B6

22 BOULEVARD J F KENNEDY
SAINT JEROME QC J7Y 4

Description: 4142 CF HEAT TREATED S/R OR STRESS FREE BAR
1/2 RD X 12' R/L Line Total: 160 LB

HEAT: 190696 ITEM: 506031

END-QUENCH HARDENABILITY (JOMINY - RC)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
60	60	60	59	59	58	58	57	57	56	56	55	55	54	54
16	18	20	22	24	26	28	30	32						
53	52	51	49	48	47	46	45	44						

GRAIN SIZE :7 -

VACUUM DEGASSED MATERIAL IS FREE FROM MERCURY CONTAMINATION
EDDY CURRENT/MAGNETIC TEST PERFORMED
THERMAL TREATMENT: OK
QUENCHING 1.562 F, TIME: (1): 45MIN; COOLING: (1): OIL
TEMPERATURE MEDIA AT THE START: (1) 95 F: TEMPERATURE MEDIA
AT THE FINISH (1) 122 F
TEMPERING 1.202 F; TIME(2) 150 MIN COOLING (2) AIR
TEMPOF (3) STRESS RELIEVED 1.102 F(3) 120 MIN
MACRO: OK

COMMENTS

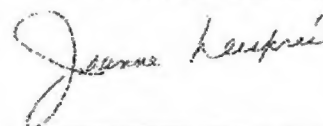
country of origin: spain
reduction ratio 167,8

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Material did not come in contact with mercury while in our possession./Par les présentes, nous certifions que le matériel couvert par ce rapport rencontre les spécifications décrites ci-haut.

JOANNE DESPRES



MANAGER QUALITY ASSURANCE,
GÉRANT DE L'ASSURANCE QUALITÉ

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M4140H-R0.500
 DATE: MAR 07 2018

PO / BATCH NO.: 039034/5048620

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 48'
 QUANTITY INSPECTED: 48'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.500
 THICKNESS RECEIVED: 0.500
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y N	<u>Aston A193</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y N	<u>Heat # 190696</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 11</u> DATE: <u>9-30 MAR 07 2018</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



DESIGN #	DRAWN BY #	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. M4140H-R	REV. A SHEET 1 OF 1
DATE 05.02.21		TITLE 4140 ROUND BAR	SCALE 1:1
A	05.02.21	NEW ISSUE	

PURCHASE MATERIAL: AISI 4140H ROUND BAR

PER AISI 4140 OR ASTM A304-02 / -A-434-BC /

-A193-D3 GRADE-B7 / -A29-D3 / -A322-91 OR

UNS # - G41400

MINIMUM ULTIMATE TENSILE STRENGTH = 100 ksi

MINIMUM YIELD TENSILE STRENGTH = 66 ksi

PART NUMBER: M4140H-R | D.DDD | WHERE D.DDD = DIAMETER IN INCHES
DIA.

EG. $\frac{7}{8}$ " ROUND BAR = M4140H-R0.875

RELEASED
05 03 25 #

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